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02 - 2002

PTO SB 05-03-01

Approved for use through 10/31/2002 OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney, Docket No. BB1201 US CNT

First inventor REBECCA E. CAHOON ET AL

Title VITAMIN B METABOLISM PROTEINS

Express Mail Label No. et511104946US

PTO
10/084546
02/25/02

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

- 1 ☒ Fee Transmittal Form (e.g., PTO/SB/17)
Submit an original and a duplicate for fee processing:
- 2 ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- 3 ☒ Specification [Total Pages 26]
Preferred arrangement set forth below:
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- 4 ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
- 5 Oath or Declaration [Total Pages 1]
 - a ☒ Newly executed (original or copy) - **UNSIGNED**
 - b ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- 6 ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- 7 ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a ☐ Computer Readable Form (CRF)
 - b Specification Sequence Listing on:
 - i ☐ CD-ROM or CD-R (2 copies); or
 - ii ☒ paper - 6 PAGES
 - c ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

- 9 ☐ Assignment Papers (cover sheet & document(s))
- 10 ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
- 11 ☐ English Translation Document (if applicable)
- 12 ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 13 ☒ Preliminary Amendment
- 14 ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15 ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16 ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17 ☒ Other: Request for Transfer of Computer Readable Form

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 09 370,295

Prior application information: Examiner R. Hutson

Group / Art Unit: 1652

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

23906

23906

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

PAUL D. GOLIAN

Registration No. (Attorney/Agent)

42,591

Signature

Paul D. Golian

Date

2/25/02

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 740

Complete if Known

Application Number: UNKNOWN
 Filing Date: CONCURRENTLY HEREWITH
 First Named Inventor: REBECCA E. CAHOON ET AL
 Examiner Name: UNKNOWN
 Group - Art Unit: UNKNOWN
 Attorney Docket No: BB1201 US CNT

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number: 04-1928

Deposit Account Name: E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) 740 |

2. EXTRA CLAIM FEES

Total Claims: 13 -20 = 0 X 18 = 0
 Independent Claims: 1 -3 = 0 X 84 = 0
 Multiple Dependent: ☐ X 280 = 0

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) 0 |

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

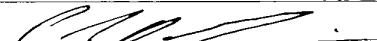
| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$) 0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type): PAUL D. GOLIAN Registration No. Attorney Agent: 42,591 Telephone: 302-992-3749
 Signature:  Date: 2/25/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

REBECCA E. CAHOON ET AL.

CASE NO.: BB1201 US CNT

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: VITAMIN B. METABOLISM PROTEINS

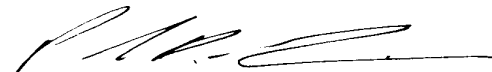
Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

REQUEST FOR TRANSFER OF COMPUTER READABLE FORM

The paper copy of the Sequence Listing in this application is identical to the computer readable copy of the Sequence Listing filed in Application No. 09/370,295, filed August 9, 1999. In accordance with 37 C.F.R. 1.821(e), please use the last computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the instant application. A paper copy of the Sequence Listing is included in the originally-filed specification of the instant application.

Respectfully submitted,



PAUL D. GOLIAN
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FACSIMILE: 302-892-1026

Dated: 2/25/02

